

## **AMENDMENTS TO THE CLAIMS**

### **Listing of Claims**

A listing of the entire set of pending claims is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A ~~kind of~~ system for controlling an illuminating apparatus ~~consisting of at least two comprising a plurality of~~ luminaries, the system comprising:

a sensing apparatus for sensing the luminous intensity of the circumstance;  
~~a luminance controlling apparatus for sending a luminance controlling signal correspondingly after the disposal of the luminous intensity of the circumstance received from the sensing apparatus;~~ and

a light source controlling apparatus for controlling the luminous intensity of said illuminating apparatus ~~through igniting the corresponding number of the luminaries according to the luminance controlling signal received from the luminance controlling apparatus, wherein:~~

each luminary of said plurality of luminaries has a predetermined luminance output,

said sensing apparatus samples the luminous intensity of the circumstance and communicates a signal associated with a value of said luminous intensity to said light source controlling apparatus, and

said light source controlling apparatus activates a number of luminaries of the plurality of luminaries based at least in part on said value of the luminous intensity.

2. (Currently amended) The system according to claim 1, wherein said ~~luminance~~ light source controlling apparatus ~~can control whether a luminary should be ignited~~ activates said number of luminaries based on it's a contribution of each of said luminaries to a the general luminous intensity of said illuminating apparatus.

3-12. (Cancelled).

13. (Currently amended) A method for controlling the illuminating apparatus ~~consisting of at least two comprising a plurality of~~ luminaries ~~[[,]]~~ comprising the steps of:

sampling a sensing the luminous intensity of the a circumstance;

creating a luminance generating a controlling signal associated with a sampled value of said luminous intensity after the disposal of the sensed luminous intensity of the circumstance;  
and

igniting the corresponding activating a number of the luminaries of the plurality of luminaries according to based at least in part on said control signal ~~the created luminance controlling signal, thereby to control the luminous intensity of said illuminating apparatus.~~

14. (Currently amended) The method according to claim 13, ~~wherein further comprising the step of selecting sending the luminance controlling signal also including controlling whether each luminary should be ignited~~ said number of the luminaries based on a its contribution of each of said luminaries to a ~~the~~ general luminous intensity of said illuminating apparatus.

15-18. (Cancelled).

19. (New) The system according to claim 1, wherein said sensing apparatus adjusts a sampling frequency according to a change in said luminous intensity of the circumstance.

20. (New) The system according to claim 1, wherein each of said multiple luminaries has at least two predetermined luminance outputs and said light source controlling apparatus activates one of said predetermined luminance outputs corresponding to said luminous intensity of the of circumstance.

21. (New) A system for controlling an illuminating apparatus incorporating at least one luminary comprising:

- a sensing apparatus; and
- a light source controlling apparatus;

wherein

- said luminary has a predetermined luminance output at a predetermined power consumption,

- said sensing apparatus communicates to said light source controlling apparatus an analog signal corresponding to a luminous intensity of a circumstance, and

- said light source controlling apparatus adjusts the power consumption based at least in part on said analog signal.

22. (New) The system according to claim 21, wherein said light source controlling apparatus adjusts the power consumption corresponding to said analog signal by regulating an electric current affecting said luminary.

23. (New) The method according to claim 13, wherein a frequency of said sampling is adjusted based on a change in said luminous intensity of the circumstance.

24. (New) The method according to claim 13, wherein each of said multiple luminaries has at least two predetermined luminance outputs, the method further comprising the step of activating one of said predetermined luminance outputs corresponding to said circumstance luminous intensity.